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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/715,107
Date Submitted: April 8, 2004		Filing Date	11/18/2003
(use as many sheets as necessary)		First Named Inventor	Junichiro HARA
Sheet	1 of 1	Group Art Unit	3746
		Examiner Name	Unassigned
		Attorney Docket Number	062709-0117

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
LE	A1	6,318,077	B1	CLAYPOLE ET AL.	11-20-2001	
LE	A2	5,934,073		GIESHOFF ET AL.	08-10-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
LE	A3	GB	2 333 584	A	S&C THERMOFLUIDS LTD.	07-28-1999		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
LE	A4	Oguri et al., Mechanical Engineering Handbook, Japan Society of Mechanical Engineers, April 15, 1987, pages B7-27 and B7-31 (English Abstract attached).	Abstract

Examiner Signature		Date Considered	1/4/05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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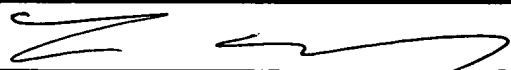
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: November 18, 2003 (use as many sheets as necessary)				Complete if Known	
				Application Number	Unassigned
				Filing Date	11/18/2003
				First Named Inventor	Junichiro HARA
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	062709-0117
Sheet	1	of	1		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CE	A1	JP	1-132415	A	TOYOTA MOTOR CORP.	05-24-1989		Abs.

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